



Running Contract Details	
Equipment Name	Neonatal Ventillator compatible with inhaled nitric Oxide System
Running Contract Valid Till	05-10-2027
Tender Ref No	KMSCL/EP/T570/1768/2025
Tendered Quantity	4
Supplier Name	M/s Biomedical Engineering Company
GST No	32AAGFB1151K1ZV
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
39/878 A2 - YMJ West Lane Palarivattom Kochi 682025	Contact Person	Mr. Ajith George Mathew
	Phone	
	Mobile No	8921065594, 9447012546
	Email	mail@bechealthcare.com,accounts@bechealthcare.com,sales@bechealthcare.com

Item-wise Price Details							
#	Item Details			Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total	
1	<b>Neonatal Ventillator compatible with inhaled nitric Oxide System</b> <i>Model &amp; Make : SLE6000 L6000/B/SLE LTD</i>			3330350.1 Incl.GST :5%	261987.54	3592337.64	
2	<b>Medical Grade Compressor</b>			365624.7 Incl.GST :5%	28762.48	394387.18	
3	<b>Nitric oxide delivery system</b>			2746380 Incl.GST :5%	216048.56	2962428.56	
				<b>6442354.8</b>	<b>506798.58</b>	<b>6949153.38</b>	
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
Neonatal Ventillator compatible with inhaled nitric Oxide System							
Labour	1,12,280.00	1,23,508.00	1,35,859.00	1,49,445.00	1,64,390.00	1,80,829.00	1,98,212.00
Comprehensive	3,56,942.00	3,78,359.00	4,01,060.00	4,25,124.00	4,50,631.00	4,77,669.00	5,06,329.00

## **Other terms & conditions**

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

## **Technical Specification**

### **Equipment :Neonatal Ventilator compatible with inhaled nitric Oxide System**

#### Technical Specification

#### **Equipment: Neonatal Ventilator Compatible with Inhaled Nitric Oxide**

1. It should be specifically designed for the Neonatal / Infant Patient Range.
2. It should allow the user to deliver conventional ventilation as well as HFOV in same circuit.
3. It should have capability of mechanical ventilation of a range of patients from 300g - 20Kg body weight.
4. It should have effective mechanism to reduce work of breathing for Neonates.
5. It should have active inspiration and active expiration in HFOV.
6. Conventional Mode Parameters:
  - a. BPM: 1to150
  - b. Inspiratory Time: 0.1 to 2.0 sec
  - c. CPAP Pressure: 0 to 20 mbar
  - d. Inspiratory Pressure: 5 to 60 mbar
  - e. FIO2: 21% to 100%
  - f. Tidal volume 2 - 150 ml with volume Guarantee
7. HFO Mode Parameters:
  - a. HFO Frequency should be wide range with 5 to 20 Hz
8. I:E Ratio: 1:1, 1:2, 1:3
9. Tidal volume 2 - 150 ml with volume Guarantee
10. It should have following modes CPAP, CMV+ TTV, PTV, PSV, SIMV+ TTV + PSV, HFO, HFO+CMV
11. It should have Delta Pressure of 100 mbar
12. It should have Targeted Tidal Volume Mode to give user flexibility to give Maximum Tidal volume
13. It should have ability to pre set parameters in all modes of operation
14. It should have powerful HFO with active expiration to cover a wide range of patients
15. Should have a minimum range of 12-inch to 15 inch full-color, total touch screen operation
16. It should have integral flow monitoring measuring lung mechanics and displaying of loops and waveforms
17. User selectable square and sinusoidal waveform should be possible
18. It should be supplied with original trolley
19. It should have trending of measured parameters with memory of 24 hours.
20. It should have integral battery with 60 minutes operating capability
21. The medical grade sir compressor should be from the same manufacturer and should be quoted as optional
22. It should be supplied with Servo heated humidifier and reusable circuit
23. The patient circuit limb should not be interchangeable between inspiratory and expiratory port
24. Ventilator should be compatible with nitric oxide delivery system.

25. It should be a European CE or US-FDA certified product